

April 8, 1952

I, Conrad Youngberg, make this statement to Horace H. Willis and J. William Magee who have identified themselves to me as special agents of the Federal Bureau of Investigation. No inducements of any kind have been offered to me for making this statement.

I am fifty-nine (59) years old and presently employed by The Electric Auto-Lite Company of Woodstock, Illinois, and have been so employed for the past sixteen years. At the present time, I am in charge of the Engineering Department, Die Cast Division of The Electric Auto-Lite Company, Woodstock, Illinois.

In approximately 1920, I was employed by the Woodstock Typewriter Company. For several years prior to 1930, I was Assistant Superintendent at the Woodstock Typewriter Company at Woodstock, Illinois. My duties consisted of close supervision of all manufacturing operations. I spent the majority of my time while on duty visiting and checking the various operations involved in the manufacture of Woodstock typewriters.

In the latter part of 1929, I became Plant Superintendent and continued in this capacity until near the end of 1933.

For approximately two years thereafter I was employed by the Remington Typewriter Company, after which employment I became affiliated with The Electric Auto-Lite Company.

In connection with my duties at the Woodstock Typewriter Company, I designed and set into operation the process for soldering type to type bars which process was in operation in and around 1929. The type bars were first coated with copper, after which they were assembled into the type bar segment. The type were then soldered on to the bars. The excess solder was ground and filed from the bars and type after which the bars and type were nickel plated.

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I have had occasion to inspect finished bars and type and have noticed considerable variation in the amount of solder left on the ends of the bars.

I examined numerous type bars containing type, which were represented to me by agents, Willis and Magee, as being made at the Woodstock Factory in approximately 1929. I noticed considerable variation in the general appearance of the ends of the bars; some appeared rather smooth and others contained ridges and rolls of solder. A few bars had unfilled cavities. I consider these bars not to be unusual or different in appearance from type bars which we were producing while I was at Woodstock.

I examined a set of photographs of type bars marked N230099. From these photographs I cannot state whether the solder of type to the bars is a factory job. I am not able to do this because of the magnification and lighting used when the photographs were made.

I examined photographs marked M383, M384, M391 and M392. I do not recall any change in dies between the time typewriter N228310 and typewriter N233954 were made at the Woodstock plant.

Photographs M383, M384 and M391 have the appearance of type faces that have been damaged by striking the paper fingers on the typewriter or striking the heel of another type bar in motion. In order for the type face to strike the paper finger, the retaining ear on the paper finger must be bent or broken.

I do not consider it possible to change the curvature of the small letter "t" on a type face without the type face bearing marked evidence of mechanical grinding or abrasion.

I also examined photograph M387 and believe that such damage could result from striking a defective paper finger or the heel of another bar in motion.

From my experiences with the Woodstock Typewriter Company and from my knowledge of the normal operation of typewriter repair work, type and type bars are not re-nickled after a typewriter repair man re-solders an old type to a bar or replaces a broken or lost type with a new piece of type.

We, at Woodstock, made no chemical analyses of steel used in making type. I do recall that in 1929 we were producing about one hundred (100) typewriters a day.

As Assistant Superintendent, I would have had a supply of finished type in the Stock Room from which the type were withdrawn to the Soldering Department for assembly on the bar. This reserve supply of type, to the best of my knowledge, would have totalled at least 25,000 pieces of type. Part of these type could have been made from one batch of steel and part from another batch.

I have read the above statement consisting of three pages and to the best of my knowledge it is true and correct.

Conrad Youngberg

J. William Magee - Special Agent, Federal Bur. of Investigation

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Pasadena, California
April 10, 1952.

I, Otto A. Hokanson, make this statement to Harold F. Dodge and J. W. Magee, who have identified themselves to me as Special Agents of the Federal Bureau of Investigation, U. S. Dept of Justice. No inducements of any kind have been offered to me to make this statement.

I am 69 years old and retired and reside at 302 Alpine Street, Pasadena, California.

In 1909 I began employment with the Emerson Type writer Company, Woodstock, Illinois which company in about 1911 or 1912 became the Woodstock Typewriter Company.

Through the years I advanced in the company until I became Plant Superintendent in 1925.

I continued as Plant Superintendent until about the ^{Kisseloff-23251} ~~beginning~~ of 1929,
O. A. Hokanson

at which time I left the employ
of the Woodstock Typewriter Company.

Among my duties as Plant
Superintendent I supervised the
general operation and the activities
of the various inspectors in the
manufacture of Woodstock typewriters.
During my employment with
the company I became familiar
with all the operations used in
the manufacture of typewriters.
I had occasion to become
familiar with the general appearance
of type bars which were
considered satisfactory for
assembly into a typewriter.

After the type was soldered to
the type bar the excess solder
was removed by either filing or
grinding. The completed bar was
then given a thin coat of
nickel. I recall there was
considerable variation in the

amount of solder left on the bars although we strived to produce bars as clean as practical.

I have examined approximately twenty ~~finished~~ type bars which were represented to me by Agent Magee as coming from a Woodstock typewriter. I recognized these bars as being similar to bars with which we were experimenting about the time I left Woodstock about or near the middle of 1929. We may have used bars similar to the ones which I examined today in typewriters made before I left although I am not too sure on this point. I noticed on these bars, considerable variation in the amount of solder left on the bars. Some bars appeared to be very smooth and others had excess solder still remaining on the bars. I would consider these

bars not particularly unusual in appearance and to the best of my knowledge they represent the type of bars which we were turning out at the Woodstock Typewriter Company.

I examined numerous photographs of the ends of type bars, photographs marked N-230099, and compared these photographs with the positive set of bars I previously mentioned.

I am not able to state whether the photographs show bars typical of the factory finish which we produced at Woodstock because the photographs show an enlarged view of the ends of the bars and because the photographs are not as clear cut as they could be. I did notice some similarity between the ends of the bars in the photographs and the ends of the bars, above mentioned, which I examined in that the flanges were

not terminated closely to the body
of the type and some general
similarities in the solder on the
ends of the bars I examined with
those shown ^{on the ends of the bars} in the photographs.

I examined ~~a~~ photographs # M383
and M384 and M391 and M392 and
am of the opinion that we did not
make a small letter "t" as shown
in photograph marked M391 while
I was at the Woodstock Typewriter
Company. I do not believe it
would be possible to change the
inside curvature of the bottom
of the small letter "t" as shown
in photograph marked M392 to
make it appear like it does in
photograph marked M384 without
the face of the type showing some
signs of alteration.

I believe that the type faces
shown in the photographs marked
M383, M384, M391, M376 and M387

could have damaged by some abnormal use of the typewriter.

From my general knowledge of the work done on typewriters during repair, I do not consider it a normal practice to re-nickel a type ~~bar~~ after a type have been re-soldered to the ~~bar~~.

During 1929 while I was superintendent I recall that we were making about one hundred typewriters a day. I would be expected to have had on hand finished type for assembly onto the bars. To the best of my recollection the number of type on hand in the type department would vary from a months supply for some letters or numbers or characters to only a few days supply of the more commonly used type.

We did not conduct any chemical analyses of the steel used in making type. We tested

W. A. Hakanson

its hardness only.

When we were making type one hatch of the type could have been made from two different hatches of steel. Such matters would be called to my attention only when some difficulty arose with a new hatch of steel.

I have read this Statement consisting of seven pages and the information contained herein is true and correct to the best of my knowledge and recollection. I am signing my name to all seven pages.

Otto A. Hokanson

Witnesses:

Harold F. Dodge, Special Agent, F.B.I.

J. William Magee, Special Agent, FBI

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